



技术特性 Technical Features

螺纹插装式，二级先导型，座阀式溢流阀，作为压力限制装置用于要求快速响应、低滞后的液压回路。

Threaded cartridge type, two-stage pilot type, seat-valve type relief valves, used as pressure limiting devices for hydraulic circuits requiring fast response and low hysteresis.



技术参数表 Technical Data

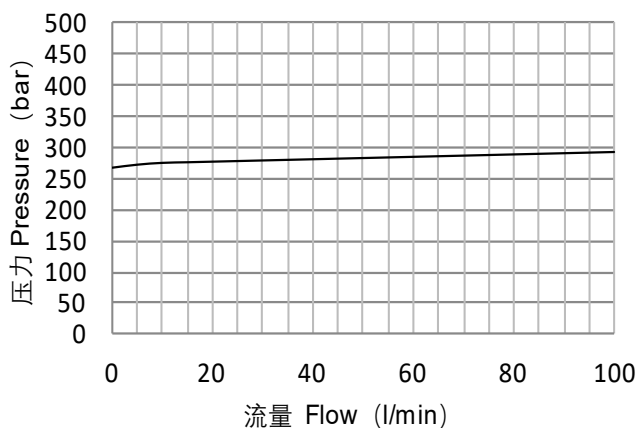
最大工作压力 Maximum operating pressure	420bar
最大流量 Maximum flow	160 L/min
设定压力 Setting pressure	查看订货选型表 See table in Ordering code
最大内泄漏量 Maximum internal leakage	1.5cc /min @80%设定压力 1.5cc /min @ 80% nominal set point
外露零件表面处理要求 External component treatment	Zn/Fe - standard (96h) Zn/Ni (720h)
安装方向 Orientation	无限制 No restrictions
安装力矩 Installation torque	69-78 Nm (Hex.16)
重量 Weight	0.485Kg
适用油温范围 Oil Temperature Range	-30° C to 110° C
适用工作介质 Fluids	矿物油或具有润滑性的合成油液 Mineral - based or synthetics with lubricating properties
工作介质粘度范围 Viscosities	7,4 to 420 cSt
测试液压油型号 Oil testing condition	ISO VG 46 cSt
过滤要求 Filtration	20/18/15 ISO 4406 (maximum filtration admitted)
测试条件 Technical specifications for characterization	见尾页1-2 see the last page 1-2



特性曲线 Performance

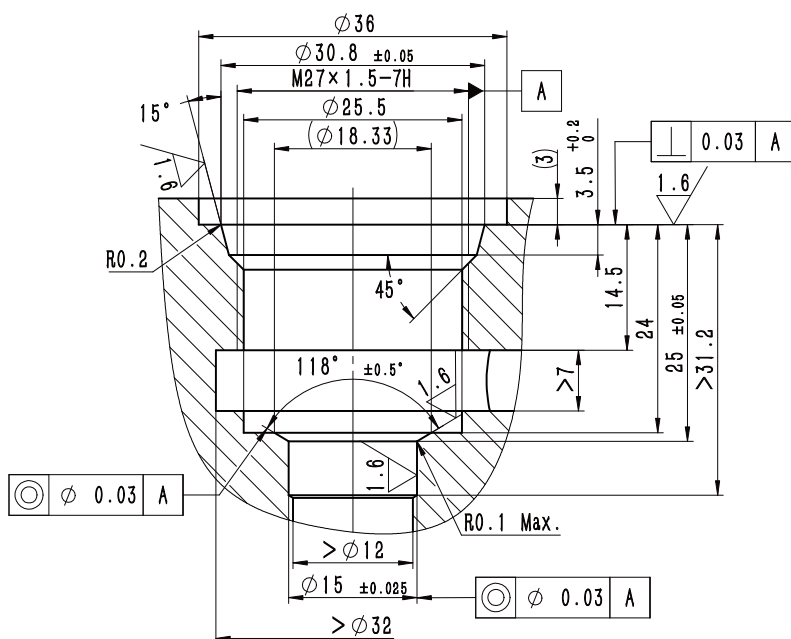
注意：性能图表说明了每个偏置弹簧的选项的流量处理能力。在油液温度等于 40° C 与 46 cSt 时记录 p/Q 曲线。

Note: The performance chart illustrates flow handling capacity for each spring bias options. p/Q curves are recorded at TOil = 40° C and 46 cSt



插孔图 Cavity

HT25-M3B





订货编号 Ordering code

HTRV27M-02A - - - / - - -

阀系列编号

Valve basic code

插孔规格 Cavity

27= M27*1.5 螺纹

27= M27*1.5 Thread

版本号A

Version No. A

压力弹簧选型 spring options

设置压力

Setting pressure in bar

无需特定设置

0=no specific

setting required

密封件

N 丁腈橡胶

弹簧型号 Spring model	压力设置范围 Pressure setting range (bar)
60	5-420bar (72-6000psi)